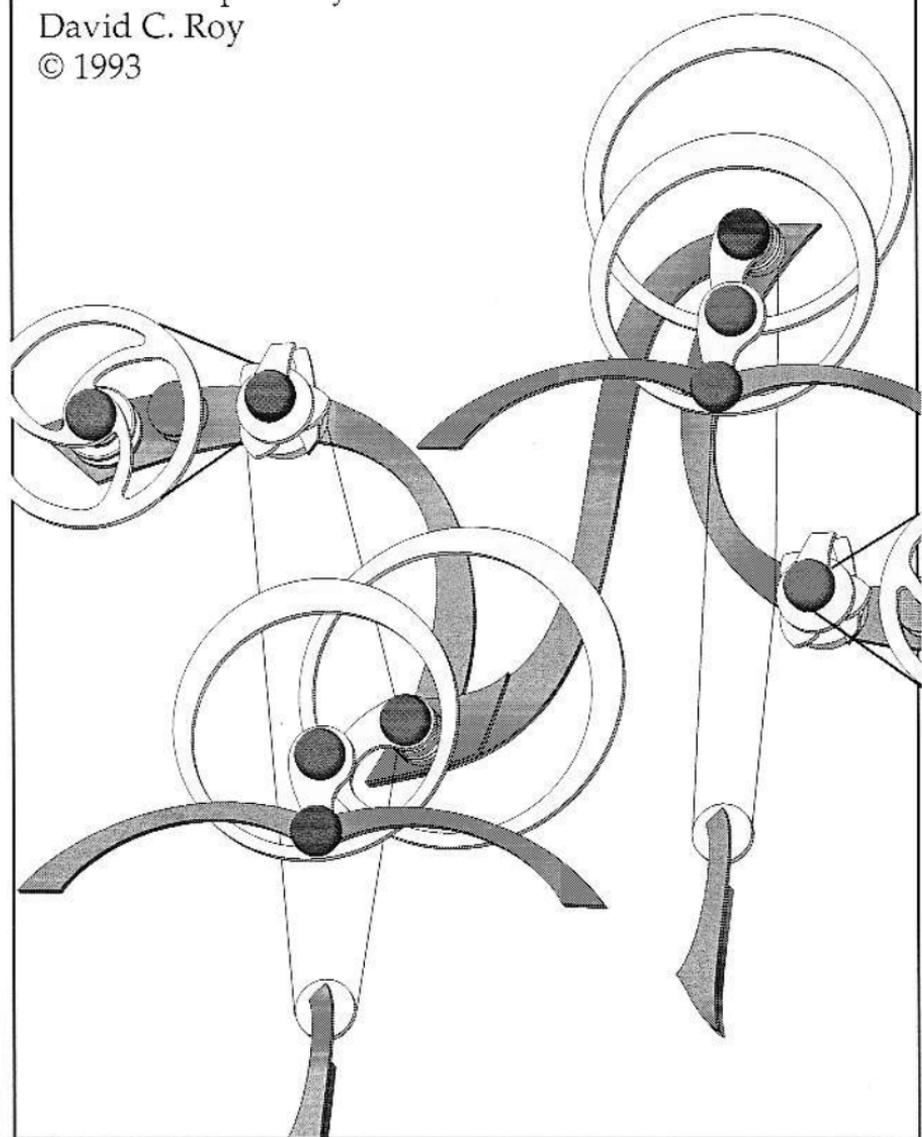


Reflections

Directions

Kinetic Sculpture by
David C. Roy
© 1993



To the Owner:

Hello,

Welcome to the world of Wood That Works. This Reflections is number _____ out of a possible 75 pieces. It was made by me during the month of _____ in 1999. I build, test and pack each sculpture myself, doing 6-12 pieces of an edition per month. It takes several years for me to complete an edition and some are never finished as I move on to new designs. Designing and building kinetic sculptures like Reflections has been my full time occupation for more than 18 years. I hope Reflections brings you and other viewers as much enjoyment as I've found in making it.

Reflections has been mounted on a wall in my shop and running for at least 2 complete windings (several hours) before I pack it. I make every effort in design, construction and packing to make sure the piece will perform problem free for years to come. I use only the finest materials.

It leaves me happy and satisfied to find that my work has made it's way into new lives. I hope it brings you years of enjoyment.



David C. Roy

About Reflections:

Floating bird-like motions are becoming a common theme of mine. I'm fascinated by the way a horizontal form carried by 2 off-axis wheels evokes the feeling of flight.

In Reflections, I've taken advantage of a smaller, more compact drive mechanism I designed last year to create a piece with two independent "flying" motions. Each "bird" follows its own path of motion, randomly spiraling, hovering, or floating up and down or side to side. When the spirit moves them, the birds move together like a synchronized flying team. At other times they follow one another through a series of complex maneuvers and then totally lose it and do their own thing for a while!

Specifications:

Limited Edition of 75
Size: 48"w x 42"h x 7"d
Additional 12" needed below for weights
Power Source: negator spring
Approximate Run Time: 2 1/2 - 3 hours
Materials: hardwood plywood, bearings, string
Reflections © 1993
Patent No. 4637152

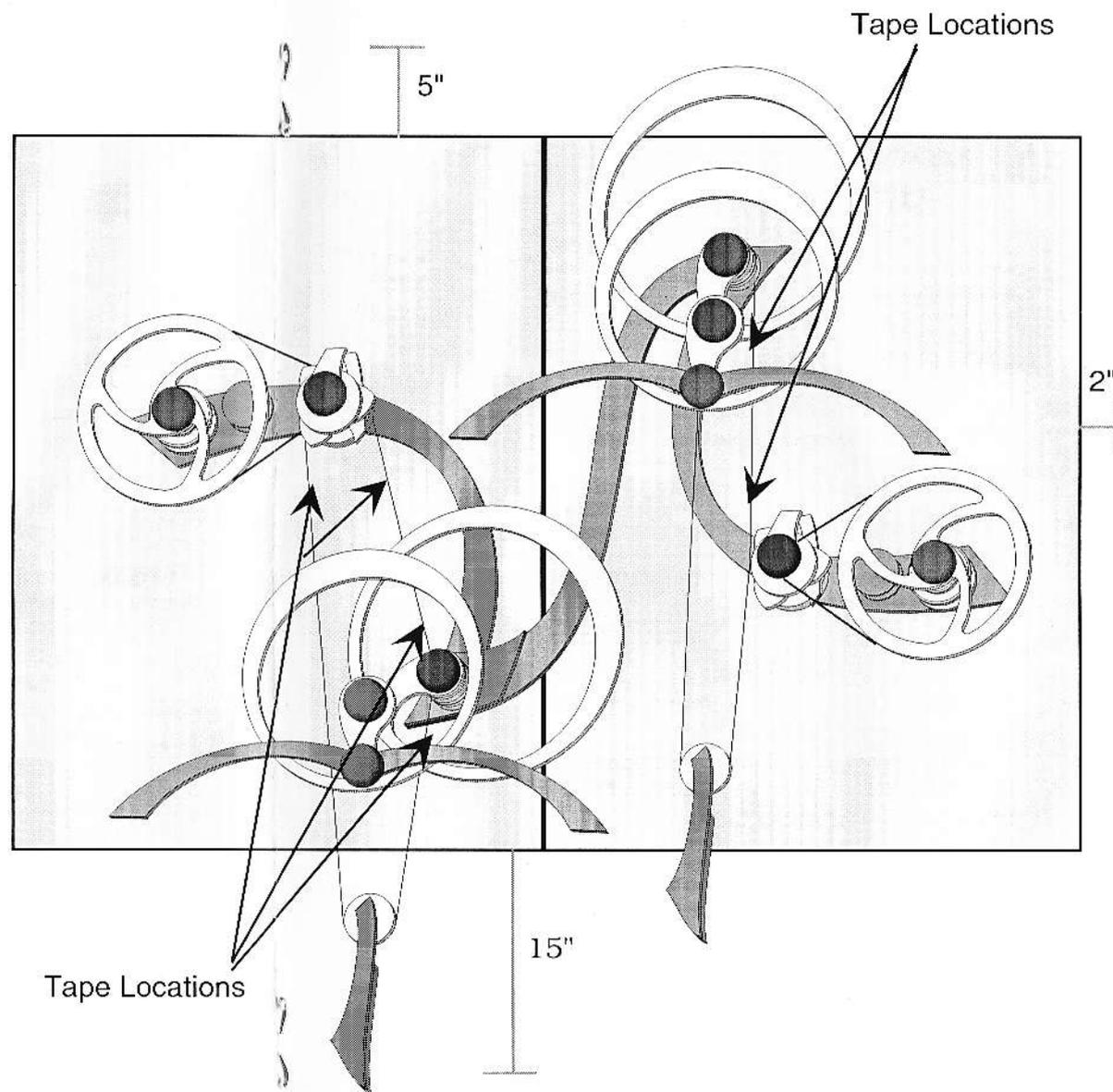
Directions:

To Mount on Wall:

- It is easiest to install Reflections with an assistant.
- DO NOT remove the tape holding the strings in place.
- Hold the mounting templates in the desired location against a wall. The left and right templates are marked as such and they should be held with their inside edges firmly touching and the bottom edges even and level. There are also alignment marks drawn across the joint between the templates. The diagram shows the relationship of the template to the sculpture to guide you in positioning the sculpture on the wall. Please note the minimum clearance dimensions are shown at the edges of the template.
- Place a sharp instrument through the screw holes, marking their positions on the wall.
- Drill pilot holes. If the wall is sheetrock or plaster use plastic anchors.
- Screw the left and right sides of the sculpture to the wall. Do not place a screw in the connecting bracket screw hole on the left side mechanism.
- Slide the base connecting piece behind the left hand connecting bracket and the right hand connecting disk. Place a screw through the holes in the connecting bracket and base connecting piece.
- Install the weights as shown.
- Remove the tape holding the strings in place.

Note:

Tape the strings in place before repacking or moving the sculpture. This will save a lot of aggravation when it is time to set the piece up again. See the diagram for the best tape locations.



Directions:

To Wind

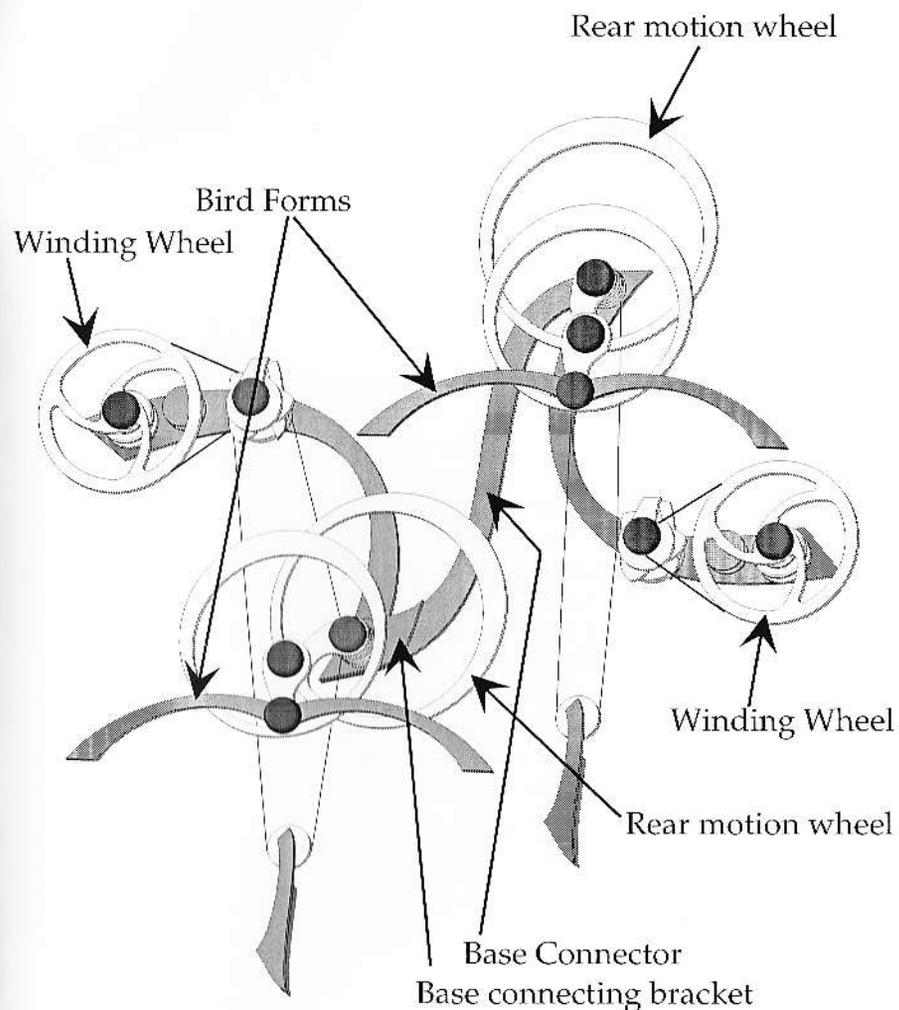
- Special Note: During shipping, the spring and winding spool may have shifted out of alignment. As you start to wind the sculpture the first time after moving or shipping, watch the spring and take-up spool carefully. Be sure the spring winds around the center of the take-up spool and not around the rim. Winding the sculpture will align the spring for additional windings.
- Turn the winding wheels on the left and right hand mechanisms clockwise 20 turns.

To Start

- If Reflections does not start immediately after winding, gently push the rear motion assembly wheel in a clockwise direction. Be careful while doing this not to start the front bird pieces rocking.

Note

- Care should be taken while winding and starting Reflections not to set the bird form pieces tilting from side to side or spinning around. They will collide with each other if this happens. If they do begin rocking violently simply stop the motion assembly and bird and restart by turning the rear wheel clockwise.
- The two sides of Reflections are independent and may stop at different times. This is normal.



About The Artist:

Mechanics and motion have always fascinated me. During college I studied physics, engineering and chemistry to further my understanding of how things worked. I graduated with a degree in physics from Boston University in 1974. This intuitive understanding of motion and mechanics combined with the artistic influences of my wife, Marji, led me to the creation of kinetic sculptures. In 1975 we started "Wood That Works" and I became a full time sculptor. Since then I have designed and handcrafted over 60 different limited edition and one of a kind kinetic sculptures. I have exhibited in numerous juried, invitational and group events. My work is displayed in galleries and private collections around the world. I currently maintain a studio in rural eastern Connecticut.